Automatic Washing Machine

WAF 1500 A
WAF 1520 A
WAF 1540 A
WAF 1560 A

Operating instructions

Blomberg

Read this first!

Dear customer,

By purchasing this appliance you have decided in favour of the latest in washing technology – premium quality, long service live, high reliability and optimal ease of use.

- At first, please check if the appliance was received undamaged.
- If a transport damage is noticed, notify your supplier immediately; do not operate the appliance!

These operating instructions…

…are intended to help you operate this appliance quickly and safely.

- Read these instructions before installation and initial operation.
- Pay special attention to the safety instructions.
- Keep the instructions for future reference.
- If you sell this appliance, pass on the instructions to the new owner.
- In addition, read all the documents, that you get with the appliance in addition to these operating instructions.

Please note that these operating instructions are applicable to several models. The differences between the models are clearly emphasised.

Explanation of symbols

Throughout these instructions the following symbols are used:

High voltage! Risk of electric shock!

Risk of other personal injury or property damage.

Important information or useful advise.

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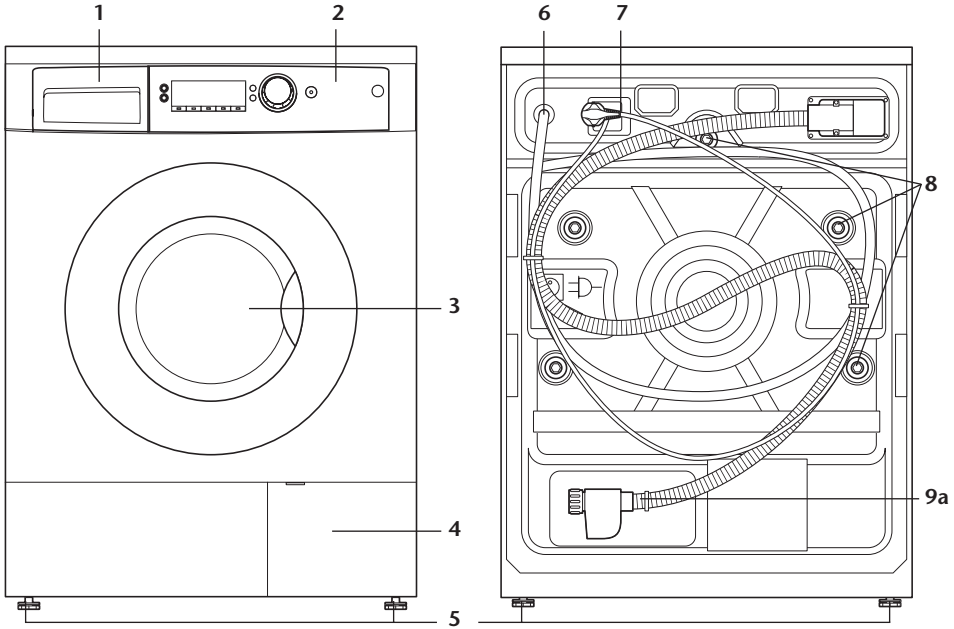
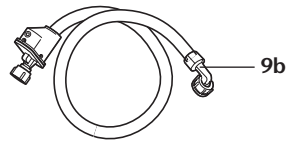
Machine overview



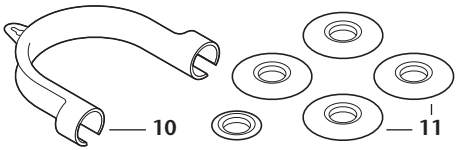
1 Detergent dispensing drawer
2 Control panel
3 Loading door with door opener
4 Service door with foreign matter trap
5 Height-adjustable feet

6 Drain hose
7 Power cable
8 Transit bars
9a Water supply hose with "Aquasafe+"-protection

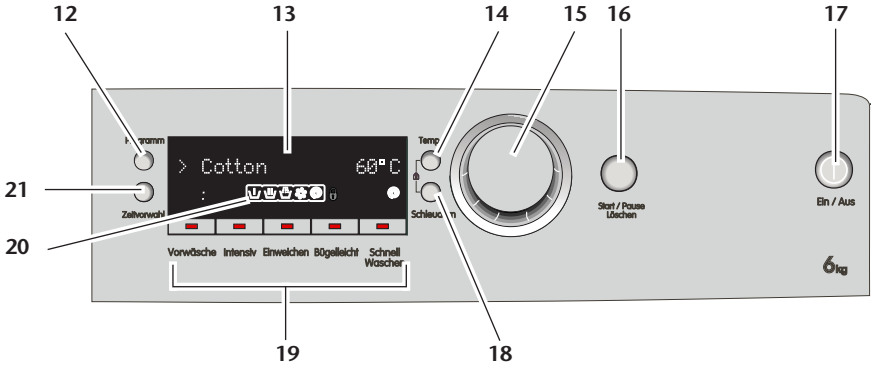
9b Water supply hose with "Aquasafe"-protection (alternative to 9a, supplied in drum)



Accessories (in accessory bag):



10 Holder for drain hose
11 Five caps for rear wall opening



12 Programme button
13 Display
14 Temperature button
15 Turning knob
16 Start/Pause button
17 On/Off button
18 Spin speed button
19 Additional functions
20 Programme progress indicator
21 Time delay button

Overview of additional functions

Option	Function	Model			
		WAF 1500 A	WAF 1520 A	WAF 1540 A	WAF 1560 A
Aquasafe	In case of leakages, the water supply is mechanically blocked.				
Aquasafe+	In case of leakages, the water supply is electrically blocked.	●	●	●	●
Aquaround	The detergent is optimally utilised through an automatic suds circulation.	●	●	●	●
Sensorinse	If residues of detergents still exist after the rinse cycle, the machine introduces additional rinse cycles.	●	●	●	●

Safety first

Please observe the following information, as otherwise there will be risk of personal injury or material damage and any warranty and liability is invalidated.

Intended use

- This appliance shall only be used for washing, rinsing and spinning textiles that are marked accordingly.
- Only detergents, softeners and additives suitable for use in washing machines may be used.
- Follow the care instructions in the garments and the information given by the washing detergent manufacturer.

Safety instructions

- This appliance must be connected to a properly installed earthed outlet, which is protected by a fuse of adequate capacity.

⚠ The supply hose with Aquasafe+ contains parts, that are energised. Do not damage supply hose and Aquasafe+! Risk of electric shock! Do not use the appliance if damage to the supply hose is noticed and contact the customer service.

- Supply and drain hose must always be securely fastened and in perfect condition.

⚠ Do not use a washbasin or bathtub to which the drain hose is attached while the machine is running. Risk of scalding due to high washing temperatures!

⚠ Never open the loading door or unscrew the foreign matter trap, if there is still water in the drum (e.g. after a power failure). This poses a risk of flooding and possible scalding due to hot suds.

⚠ Never open the locked loading door by force! Inform the customer service, if the loading door cannot be opened even a few minutes after programme finishes.

⚠ Do not attempt to dry-clean with the machine! Fire and explosion hazard!

- Rinse garments pre-treated with cleaning agents (petroleum ether, liquid stain remover, etc.) thoroughly in clear water before washing.

⚠ Never wash down the appliance with a water hose! Risk of electric shock! Always disconnect from the mains by unplugging before cleaning.

- Never touch the plug with wet hands. Never pull on the cable to unplug, always pull on the plug only.

⚠ Do not operate the appliance if the power cable or power cable plug is faulty or the appliance shows any other faults! Risk of electric shock!

- For malfunctions that cannot be resolved by following the information in these operating instructions:
  Turn off the machine, pull the plug, close the water tap and contact the customer service centre.

⚠ Never attempt to repair the machine by yourself. This may put your life and the lives of others in danger.
Only authorised electricians, such as our customer service staff, are permitted to repair electrical appliances.

If there are children in your household...

- Keep children away from the machine. Electrical appliances are not toys.
- Pull out the plug when the machine in not in use.
- Keep the loading door closed when you leave the room.

Disposal

Where to dispose of the packaging?

⚠ Packaging material can be dangerous to children. Keep the packaging material out of reach of children, or dispose it of according to instructions.

The packing is made of materials which can be recycled.

- Separate the packing material by type:
  - Styropor® parts and film go for collection as potential recyclable;
  - Wooden parts go into bulky refuse.

ⓘ The packing is not to be disposed of in the regular household refuse!

What to do with the old machine?

Dispose of your old appliance in an environmentally friendly manner.

- Ask you dealer or your local refuse collection service how to best dispose of your old appliance.

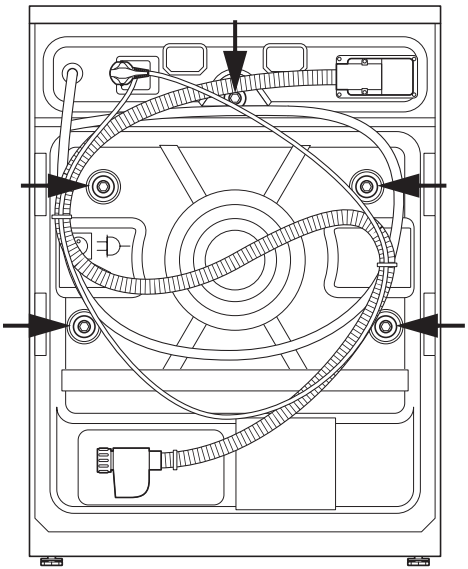
⚠ Before disposing old machine, pull out the mains plug, cut through the the mains lead and make the door lock unusable – so as not to pose a risk to children.

Installation

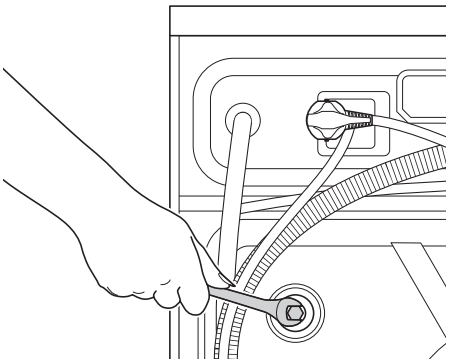
Removing the transportion locks

⚠ Before the washing machine is operated, the transit bars must be removed! The machine will otherwise be damaged.

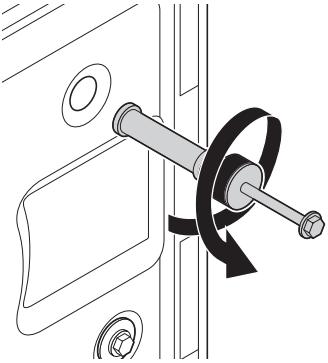
Tool needed:
10 mm spanner.



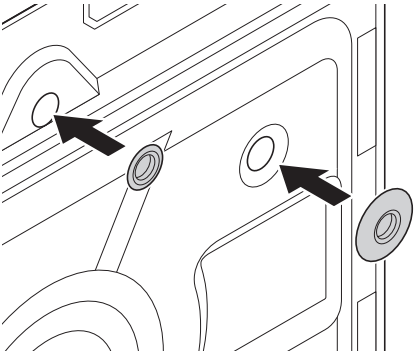
1. Loosen all five bolts with the spanner until they turn freely.



2. Remove the transport bolts by turning them slightly.



3. Place the five covers (from the accessories bag) onto the openings in the rear panel and use a suitable tool (such as the handle of a screw driver) to push them into place. The smaller cover is intended for the top-mot opening.



Store the transit bars in a safe place.

- They will be required if the washing machine is to be transported again (e.g. if you move house).

⚠ Never transport the appliance without installed transit bars!

The right location of installation

Install the appliance in a stable, level position in frost-free surroundings.

⚠ If there is danger of frost, drain all remaining water (see "Care and maintenance").

⚠ The floor must have sufficient load-carrying capacity!

If, for example, the washing machine and a dryer are stacked upon each other, they can – when loaded – have a total weight of up to 180 kg.

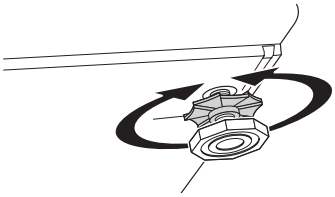
Important:

- Do not stand appliance on the power cable.
- Keep at least 1cm distance to walls of other furniture.
- Place the machine on a firm surface, never on a long-pile carpet or similar surface.

Levelling the machine

⚠ Don't use a tool to loosen the lock nuts to avoid damaging them.

1. Loosen the lock nuts on the feet.



2. Adjust the feet until the machine is level and stands steady.
3. Important: Retighten all lock nuts.

Connecting the water supply

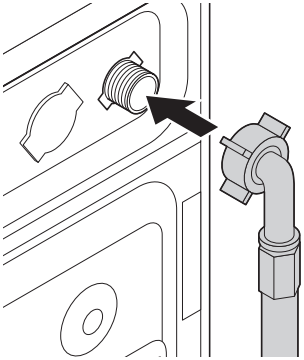
The machine can be connected to water taps with 3/4 inch BSP thread.

Important:

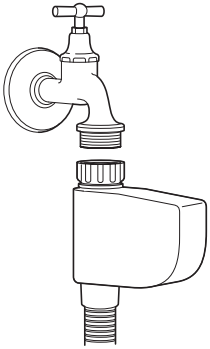
- Bear the permissible water pressure in mind (see "Technical specifications"). Attach a pressure reducing valve if water pressure is higher.
- Do not connect to a water heater (instantaneous water heater or unpressurised boiler), as the water pressure is insufficient.
- Check with customer service for hose extensions. Do not use homemade extensions with hose clamps or similar!
- Use only the new hose supplied with the machine, not an old existing one!
- Ensure that there are no sharp bends in the hose!

⚠ Do not use a tool to tighten.

1. If not already attached, manually screw the bent end of the supply hose tightly onto the rear panel of the machine (not in case of Aquasafe+).



2. Screw the Aquasafe or Aquasafe+ (depending on the model) at the end of the supply hose tightly onto the water tap by hand.



The Aquasafe or Aquasafe+ (depending on model) turns off the water supply should a leakage occur in your hose.

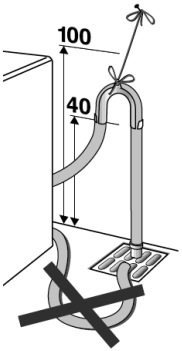
3. Turn the water tap all the way on and check all connections for leaks; turn the water tap off again. Correct the position of seals and screw couplings, if necessary.

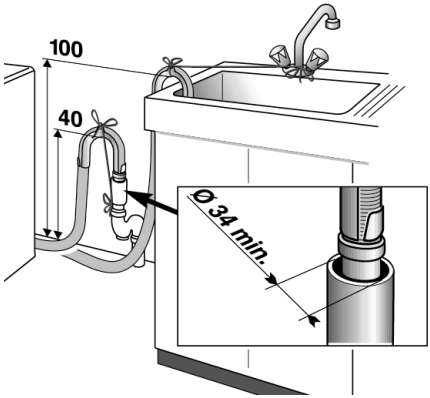
Connecting the water drain

You can hang the drain hose over the edge of a wash basin, sink or bathtub – or connect it permanently to a drain pipe (siphon trap).

Important:

- Do not run the drain hose higher than 100 cm above floor level for the suds pump to be able to pump out. Don't go below the minimal height of 40 cm, otherwise water will come out.

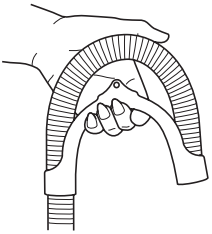




- The water must be able to run off unhindered. Washbasins with a small drain are not suitable.
- The end of the hose must not immerge in the pumped-out water.
- Check with customer service for hose extensions. Do not use homemade extensions with hose clamps or similar!
- Use only the new hose supplied with the machine, not an old existing one!
- Ensure that there are no sharp bends in the hose!

Fastening the hose holder:

1. Pull the holder included in delivery over the end of the hose.



2. Hand the drain hose with the holder over the edge of the basin or tub and secure it from sliding off – e.g. by fastening it with a chain around the water tap.

Permanent connection to a siphon trap:

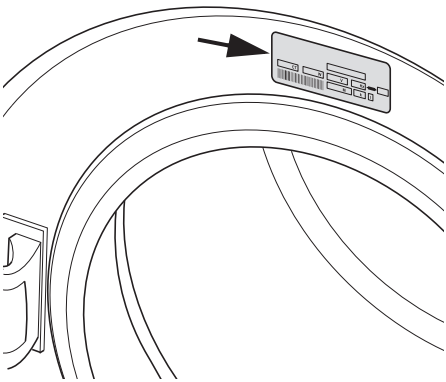
⚠ A qualified plumber should attach the hose to prevent the hose from slipping off. There is a risk of flooding.

Electrical connection

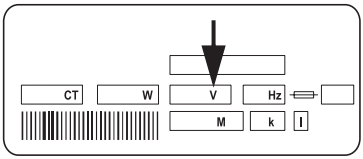
Connect the appliance to a properly installed earthed outlet, which is protected by a fuse of adequate capacity.

Important:

- The connection must conform to the applicable regulations in your country and those set by your electricity board.
- The power cable plug must be accessible after installation.
- Voltage and rated fuse protection is specified on the type plate located on the back of the loading door.



- The stated voltage must match with your mains voltage.

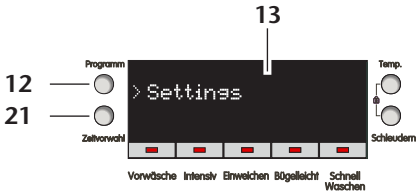


- Connection by extension cables or trailing sockets is not permitted.

⚠ A damaged power cable must be replaced by a qualified electrician. Unless the appliance has been repaired it must not be operated! Risk of electric shock!

Language selection

The language in which the washing programmes and messages are displayed **13** can be changed after the machine is switched on.



1. Press **12** button.
2. Turn the knob, until the setting function appears on the display.

ⓘ There is no programme duration displayed for this function, so it is easy to recognise in every language.

3. Press **12** button.
4. Turn the knob, until the desired language is displayed.
5. Press >Start/Pause< button to accept the language setting.
6. Press **21** button to go back to programme selection.

The First Use

Refer to the section on "Troubleshooting" if the machine can't be switched on.

To flush out any remaining test water, the first washing cycle should be run without any laundry.

1. Open water tap fully. Check if hoses are firmly attached.
2. Check that the drum is completely empty; close the loading door.
3. Add a small amount of detergent to the second compartment; close detergent dispensing drawer.
4. Press >On/Off< **17** button. Some information appears on the display after a few seconds.
5. Select >Cotton< programme (see "Programmes").
6. Press >Start/Pause< **16** button.

In case of abnormal sounds or leakage of water: Press >On/Off< **17** button, close water tap and pull mains plug out of the socket. Check to see that all transit bars have been removed and the hoses are properly connected.

After completion of the programme cycle:

The loading door can be opened when the symbol >Door lock< in the display goes out (see "Door lock").

1. Press >On/Off< **17** button.
2. Turn the water tap off.
3. Leave loading door and detergent dispensing drawer open to dry.

Preparing to wash

Sorting the laundry

- Sort the laundry by type of fabric, colour, degree of soiling and permissible water temperature.

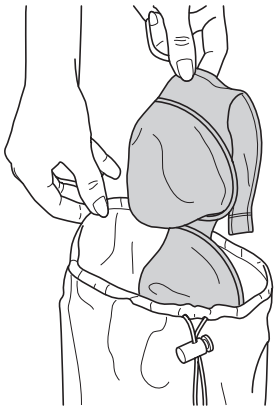
Always follow the recommendations on the garment label.

Type of textiles and care symbols	
Whites/coloureds: cotton, linen	
Easy-care: Synthetics (polyester, polyamide); Blended fabrics (with cottonit Baumwolle)	
Delicates: Delicate fabrics (rayon, silk, etc.); Curtains	
Woollens: Only with wool stamp and labelled "Machine washable"	
Hand wash:	Do not wash:

- Don't wash coloureds and whites together. New, dark coloured cottons will stain very much.

Preparing clothes for washing

Items of laundry with metal parts (e.g.underwire bras, belt buckles, metal buttons) will damage the machine. Remove metal parts or place the items in a cloth bag, pillow case, or something similar.



- Empty pockets, remove all foreign objects (e.g. coins, pens, paper clips). If possible: Turn pockets inside out and brush.
- Place small items of laundry (e.g. tights) in a cloth bag, pillow case or something similar. This can also help you to avoid searching for lost socks.
- Handle curtains with special care. Remove non-stainless curtain runners and lead tape. Place runners that can't be removed in a cloth bag, pillow case or something similar.
- Close zippers, sew on loose buttons, mend unstiched seams and tears.
- Only wash woolens that are labelled "machine washable" or "handwashable" – and only with the appropriate programme.
- Wash new coloured items of laundry separately – they may "bleed".
- Heavy stains should be treated appropriately before washing. If in doubt, check with a chemist or dry-cleaner.
- Use only dyes/discolouring and antiliming agents suitable for machine wash. Make sure to follow the instructions on the package.
- Wash jeans and delicates inside out.
- Keep laundry items made of Angora-wool in the freezer compartment for a few hours before washing – this reduces number of fluff balls formed.

The right load capacity

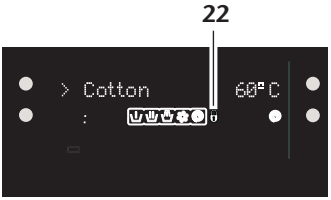
- The maximum load capacity depends on the type of laundry, the degree of soling and the wash programme you wish to use.

⚠ Please follow to the information in the "Programme table".
Washing results are adversely affected by an overloaded drum.

ⓘ Always try to utilize the max. load.

The loading door

ⓘ The loading door is locked when a programme is running; the >Door lock< **22** symbol is then lit up.
The loading door can be opened when the >Door lock< symbol goes out.

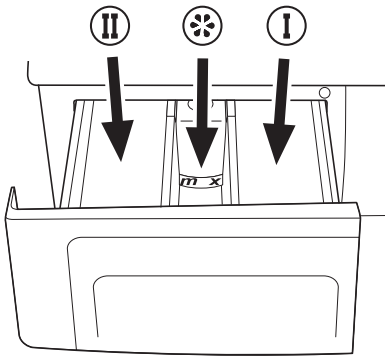


- To open the loading door, pull it with the door opener.
- Place laundry items loosely in the drum; Add detergent if necessary (in an eco bag or dosing ball).
- Push the loading door firmly shut until you hear it lock into place. Take care no clothes are caught in the door.

The detergent dispensing drawer

The detergent dispensing drawer comprises 3 compartments:

– left compartment (**II**) for main wash
– middle compartment for fabric softener
– right compartment (**I**) for pre-wash



- Always add detergent and fabric softener before starting the wash programme.

⚠ Never open the detergent dispensing drawer while the wash programme is still running!

Dosing devices

In case of programme without pre-wash, you can add washing detergent directly to the drum with a detergent bag or a dosing ball.

Liquid detergent

When using liquid or gel-like washing detergents, please note the following:

⚠ Liquid detergent may cause stains on your laundry if a time delay has been set.

- **Don't** use liquid detergent if you want to wash using the time delay feature.
- **Don't** use liquid detergent for the main wash in a cycle with pre-wash.
- Use the detergent manufacturer's dosing cup and follow the instructions on the package.

Choice of detergent

The type of detergent used depends on the type of textile, colour, degree of soiling and desired washing temperature.

- Use regular detergent for cottons (60 - 95 °C), otherwise use special detegent for coloured and delicate wash.
- Wash woollens only with a special detergent for woollens.
- Detergents using a modular system allow you to add bleach and softener individually.
- Use only detergents suitable for washing machines.

Detergent quantity

The amount of washing detergent to use depends on the amount of laundry, the degree of soiling and water hardness.

ⓘ Ask your local waterworks for the current level of water hardness.

Water hardness levels			
1	soft	0…1.3	0… 7
2	medium	1.3…2.5	7…14
3	hard	2.5…3.8	14…21
4	very hard	> 3.8	> 21
		mmol/l	°dH

- It is absolutely necessary you proportion as recommended on the packing!
- For small amounts of laundry or only slight soiling use accordingly less detergent.

⚠ Dose highly concentrated detergents very precisely.

Too much detergent causes an excessive amount of foaming, bad washing and rinsing results and a strain on water resources.

Too little washing detergent causes laundry to turn grey and calcification of the machine.

Fabric softener

Fabric softener is added into the middle compartment of the detergent dispensing drawer.

- Proportion as recommended on the packing!
- Fill only up to the mark level (> max<).
- Dilute viscous fabric softener with water before adding.

If you use dryer or dry your laundry outdoors, you do not need fabric softener.

Starch

- Add liquid starch and fininshing agent into the middle compartment.
- Mix powdered starch according to the directions on the package and like fabric softener, add to the middle compartment.
- Never use fabric softener and starch together in the same washing cycle.
- Wipe off the drum after using starch.

Washing programmes

Programme selection

Press **12** button to select a washing programme. The desired programme can then be set with the rotary knob. The display shows the programmes in the selected language (see "Language Selection).

You will find an overview of the programmes in the "Programme table".

The programme starts only when the >Start/Pause< button is pressed.

Main programmes

Depending on the type of textile, the following main programmes are available:

- **Cotton**
- **Synthetics**
- **Delicate**
- **Woollen**
- **Handwash**

For special cases extra programmes are available:

- **Hygiene +**
  This programme is only suitable for **boil-proof** clothes (90 °C). Increased hygiene is provided by an extended boiling period and an extra rinse cycle. Useful for baby-clothes and clothes worn by sick persons.
- **Active 40**
  This programme thoroughly exploits the detergent at 40 °C and thus saves energy. Suitable for garments for which you would otherwise use the Cotton 60 °C programme.
- **Mini**
  Use this programme, for quickly washing small number of cotton/blended fabrics. Suitable for clothes that are normally worn for a short time such as sportswear.

Each of these main programmes comprises a complete washing process, including washing, rinsing and if required, spin cycles.

Always match the programme to the fabric type, colour, degree of soiling and permissible water temperature. Always follow the recommendations on the garment label.

Different temperatures can be selected in most main programmes.

Select the temperature only as high as absolutely necessary.
A high temperature means high power consumption.

Special programmes

For specific applications you can select any of the following special programmes:

- **Rinse**
  Use this programme e.g., when you want to soft rinse or starch separately.
- **Spin**
  This programme spins with maximum possible speed in the default setting.

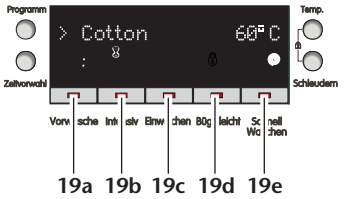
⚠ You should reduce the speed for delicate fabrics!

- **Pump**
  This programme allows you to drain water, e.g. when you put already soaked clothes into the appliance and want to wash them at a later time.

Additional functions

The buttons

ⓘ Depending on the programme, certain additional functions **19a** to **19e** can be added by pressing a button.



- Press the required buttons before starting the programme.
- Meaningless combination of buttons cannot be selected together. Example: >Intensive< **19b** and >Quick wash< **19e**.

Prewash

A pre- wash can be activated with the **19a** button.

ⓘ A pre-wash is only worth while with heavily soiled laundry.
Without prewash you save energy, water, washing powder – and time.

Intensive

The **19b** button extends the washing time in the main wash cycle. Washing powder can work more effectively and you can wash at lower temperatures – thereby saving energy.

- With this button normally soiled linens/coloureds can now be washed at 60 °C instead of 90 °C.
- With this button normal soiled synthetics can be washed at 40 °C instead of 60 °C.

ⓘ The Intensive function can only be used together with the Prewash function. As soon as you press the Intensive button a pre-wash cycle is automatically added to the programme.

Soak

It is possible to have the laundry soaked before the washing cycle starts with the **19c** button. This gives better washing results for badly soiled clothes.

Easy iron

If you press the button **19d**, the drum movement is reduced and spinning is limited to reduce creasing. In addition, the washing is done at a higher water level.

- Use this button for delicate fabrics that easily crease.

⚠ The maximum load is then
– for linens/coloureds: . . . . . 3.0 kg
– for synthetics: . . . . . 1.5 kg
– for delicate fabrics: . . . . . 1.0 kg

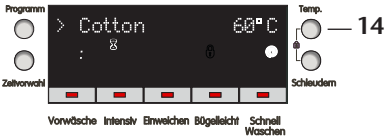
Quick wash

With button **19e** the wash time is shortened.

- Use this function for small loads or less soiled laundry.

Temperature selection

The selected temperature is shown on the display beside the >Temperature selector< **14** button.

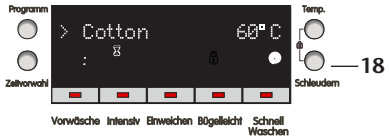


It is possible to select among several temperature settings for some washing programmes:

1. Press **14** button.
2. Set the desired temperature by turning the knob.

Spin speed selector

The appropriate maximum spin speed is automatically set in each programme and additional function.
The current value is shown on the display next to the >Spin speed selector< button **18**.



You should reduce the speed for especially delicate fabrics.

1. Press button **18**.
2. Set the desired speed with the rotary knob.

- In the >No spin< **18c** setting no spinning takes place; water is only drained.
- In the >Rinse hold< **18b** setting the programme stops after the last rinse cycle. The laundry remains in water (to protect against creasing). Symbol **18a** starts blinking when the Rinse hold stage is reached. For procedure after this, see "Quick instructions for daily use".

The higher the spin speed, the lower the residual moisture.
If you wish to dry your laundry subsequently in a dryer, select the maximum possible speed – this saves energy when drying.

Balance time display

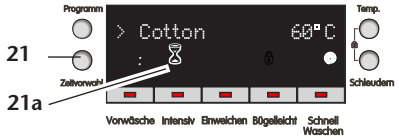
When a programme is running, the display shows the time remaining for the programme to complete. The time is displayed in hours and minutes as "hh:mm".

The length of a programm depends on the type of program and the additional functions selected. The details in the table "Technical data and consumption figures" refer to programms without additional functions.

Time delay

With the time delay function you can delay the programme start. You can enter a time delay of up to 24:00 hours. Setting can be made in increments of 30-minutes.

Do not use liquid detergent when you set time delay! Risk of staining of the clothes.



1. Open tap, load laundry and fill in detergent.
2. Set the wash programme, temperature, spin speed and if necessary additional functions.
3. Press **21** button.
4. Set the desired time delay with the rotary knob. The set time is shown on the display together with the **21a** symbol.
5. Press the >Start/Pause< button. The time delay countdown phase begins. The colon at the centre of the displayed time delay starts blinking.

During the time-delay period more laundry can be loaded. At the end of the time delay countdown the **21a** indicator lamp goes out and the washing cycle begins.

Changing the delay time

If you want to change the time during the countdown:

1. Press the >Start/Pause< button. The colon at the centre of the display stops blinking.
2. Press **21** button.
3. Set the desired time delay with the rotary knob.
4. Press the >Start/Pause< button. The time delay countdown phase begins. The colon at the centre of the displayed time delay starts blinking.

Cancelling the time delay

If you want to cancel the time delay countdown and start the programme immediately:

1. Press the >Start/Pause< button. The colon at the centre of the displayed time delay stops blinking.
2. Press **21** button.
3. Set the time delay to "00:00" with the rotary knob.
4. Press the >Start/Pause< button to start the programme.

Programme Progress

The progress of a running programme is indicated by a series of symbols on the display.

At the beginning of every programme step, the corresponding symbol in the symbol array starts glowing and all of them go out together at the end of the programme. The right most glowing symbol in the array indicates the current step being executed.

>**Prewash**<
The **20a** symbol lights up at the beginning of the pre-wash cycle – when a programme with pre-wash is selected.

>**Main wash**<
The **20b** symbol lights up to indicate the beginning of the main wash cycle.

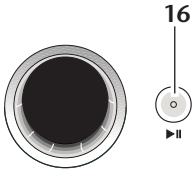
>**Rinse**<
The indicator lamp **20c** lights up at the beginning of the rinse cycle.

>**Softener**<
The **20d** symbol lights up at the beginning of the softener phase.

>**Spin**<
The**20e** symbol lights up at the beginning of the final spin cycle – after the soft rinse cycle or in the special programmes for >Spin< and >Pump<.

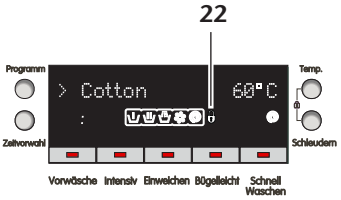
If the machine isn't spinning, the programme may be in rinse hold.
Or the automatic spin correction system has been activated due to excessive imbalance.

Interrupting the programme
A programme can be interrupted by pressing the >Start/Pause<**16**-button. The buttons starts blinking.
To continue the programme, press the **16** button again.



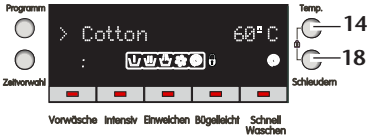
Door lock

The symbol **22** lights up when the loading door is locked.



Child-proof lock

With the Child-proof lock you can guard the appliance against children's hands. No changes can then be made to a running programme.



To activate the Child-proof lock:

- Press and hold the buttons **14** and **18** simultaneously for approx. 2 second, until the display confirms the activation of child-proof lock

To deactivate the Child-proof lock:

- Press and hold the buttons **14** and **18** simultaneously for approx. 2 seconds, until the display confirms the deactivation of the child-proof lock.

Quick instructions for daily use

Preparation

1. Open water tap fully. Check if hoses are firmly attached.
2. Place laundry in the drum.
3. Fill in detergent and fabric softner.

Starting

1. Press the >On/Off< button.
2. Select programme and temperature.
3. If desired:
   – select any additional function(s),
   – set the spin speed,
   – set time delay.
4. Close the loading door.
5. Press the >Start/Pause< button.
   The display shows the time remaining for the programme to complete.
6. Check if the >Door lock< symbol on the display has lit up (if not, see "Troubleshooting").

Aborting a programme

- Press and hold the >Start/Pause< for approx. 3 seconds.
  The machine may pump out any water still in the drum or goes through a rinse cycle to cool off the laundry.

Adding more laundry

This is possible only:
– during a time delay,
– at the beginning of a washing cycle (the appliance allows adding laundry at a later stage only when the water level is low or the temperature is low).

1. Press the >Start/Pause< button.
2. Open the loading door and put in more laundry.
3. Close the loading door.
4. Press the >Start/Pause< button.

Programme is in rinse hold

This is indicated by the blinking spin symbol and >Start/Pause< button.

If you now want to **spin**:

1. Set spin speed.
2. Press the >Start/Pause< button.
   The programme continues, pumps out the water and spins.

If you want to **pump out** the water:

- Press the >Start/Pause< button.
  The programme continues and only pumps out the water.

Re-spinning the laundry

The automatic spin-correction-system can prevent spinning in case the drum is out-of-balance.

If you wish to spin again:

1. Rearrange the laundry evenly in the drum.
2. Set >Spin< programme.
3. Set spin speed.
4. Press the >Start/Pause< button.

After the programme cycle is completed

The >Programme progress< array of symbols on the display goes out when the programme is over.

1. Open the loading door and remove the laundry when the >Door lock< symbol on the display goes off.
2. Press >On/Off< button.
3. Turn the water tap off.
4. Wipe out the fold in the rubber seal on the door and check for foreign objects.
5. Leave loading door and detergent dispensing drawer open to dry.

Programme table

Care symbol	Programme / Fabric type / Remarks	Temperature (°C)	Load (kg)	Option						Spin max.	Time delay
				Prewash	Intensive	Soak	Easy iron	Quick wash	Rinse hold		
Cotton											
	Durable fabrics made of cotton and linen	Cold up to 90°	6,0	❍	❍	❍	❍	❍	❍	①	❍
	Hygiene +: cotton with high demands for hygiene	95°	6,0							①	❍
	Active 40: cotton (energy saving-programme)	40°	6,0							①	❍
	Mini: Cotton, blended fabric (short programme)	Cold up to 30°	2,5							①	❍
Synthetics											
	Synthetics (polyester, polyamide) and blended fabrics (with cotton)	40° to 60° Cold up to 30°	3,0	❍ ❍	❍	❍ ❍	❍ ❍	❍ ❍	❍ ❍	② ②	❍ ❍
Delicate											
	Delicates (rayon, silk, etc.) and curtains	Cold up to 40°	2,0				❍		❍	③	❍
Woollen											
	Only if labelled "machine washable"	Cold up to 40°	1,5						❍	③	❍
Handwash											
	Labelled "wash by hand"	Cold up to 30°	1,5							③	❍
Special programmes											
	Rinse (Softener, Starching)		as above							①	❍
	Spin		as above							①	❍
	Pump										❍

❍ Individually selectable, in part selectable in combination; illogical combinations are blocked.

①1600 rpm (depending on model) ② 800 rpm ③600 rpm

When ' soaking ' function is selected, the program follower leds will start to run from prewash step.

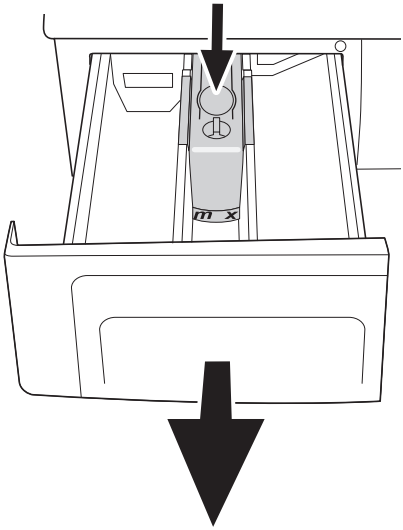
Programme	Programme steps			
	Main-wash cycle	Rinse cycles with intermediate spin	Rinse cycles without intermediate spin	Final spin
Cotton				
Standard programme	1	3	–	1
Hygiene +	1	4	–	1
Active 40	1	3	–	1
Mini	1	–	2	1
Synthetics				
Standard programme	1	3	–	1
Delicate				
Standard programme	1	–	3	1
Woollen				
Standard programme	1	1	2	1
Handwash				
Standard programme	1	–	2	1
Special programmes				
Rinse	–	2	1	–
Spin	–	–	–	1
Pump	–	–	–	–

The actual number of programme steps can be different from those given above depending upon the function.

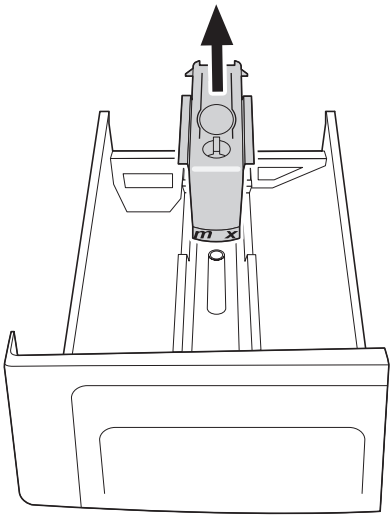
Detergent dispensing drawer

Clean when necessary:

1. Open the drawer as far as possible.
2. Push down the depression on the suction cup and pull the drawer out completely.



3. Clean the drawer under warm running water. Pull off the suction cup; Clean suction cup and opening in the drawer with warm running water, pierce the opening with a needle if necessary. Replace the suction cap.

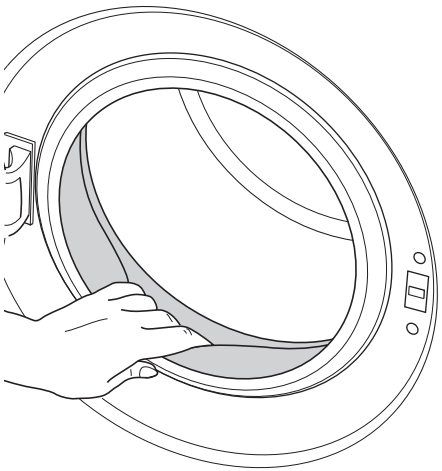


4. Wipe off detergent residue from the drawer guides. If present, remove calc deposits from the water-jet nozzles (inside the drawer).

Loading door and drum

After each wash:

- Wipe off the fold in the rubber collar and check for foreign objects.



- Check drum for foreign objects.

⚠ Rust stains may occur due to foreign objects made of metal. In such cases: Clean the drum with a stainless steel cleaning agent. Never use steel wool or scrub sponges.

Housing and control panel

When necessary:

- Clean cabinet with soap suds or a mild cleaner; wipe dry with a soft cloth.
- Use only a soft, damp cloth to clean the control panel.

⚠ Never use a scrub sponge or a scouring agent. These will damage the enamel and plastic parts.

Foreign matter trap

- Clean the foreign matter trap at least **once** after every **30 wash cycles**!
- Clean foreign matter trap, if foreign objects (coins, buttons, baby socks, etc.) are blocking the suds pump.
- Clean the foreign matter trap, when the message >Pls Check The Filter< appears.
- Drain left-over water before cleaning (see below).

Draining remaining water

Drain off the water completely…

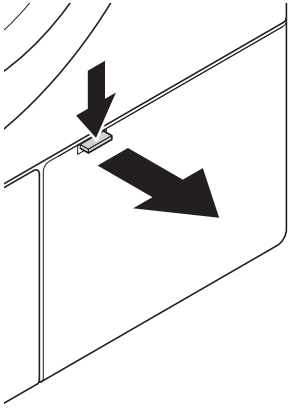
- before cleaning the **foreign matter trap**;
- before **transporting** the machine (e.g. when shifting house);
- when there is a **power failure** ("emergency draining");
- when there is a **danger of frost**.

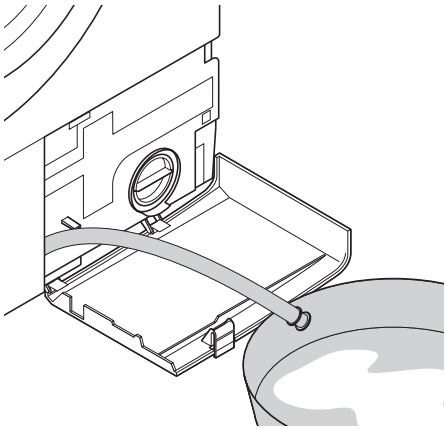
⚠ At room temperatures below 0 °C the remaining water in the appliance could freeze, damaging it.

1. Switch appliance off, unplug the power cable, close the water tap.

⚠ Allow hot suds to cool off sufficiently. This poses a risk of scalding.

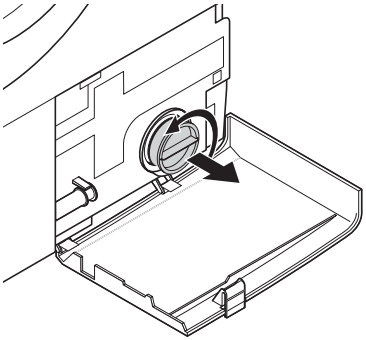
2. Open the service door by pushing on the button. Take out the drain pipe and hold it over a bowl. Pull the seal off the drain hose and allow the water to drain out one bowl at a time.





⚠ There may be more than 20 litres of water left in the machine when the drum is bull (e.g. after a power failure)!

3. Turn the foreign object trap 1/2 turn to loosen it (anti-clockwise) and soak up the remaining water with a cloth. Once no more water is coming out, turn the foreign object trap until it is completely free and remove it.

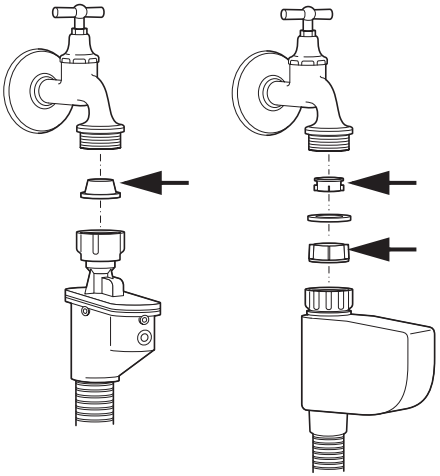


4. Clean foreign object trap and the pump opening. Check if the pump impeller (in the pump opening) can be turned freely.
5. Replace the cap on the drain hose and put it away.
6. Replace the foreign object trap and turn it tight (in clockwise direction).
7. Close the service door.

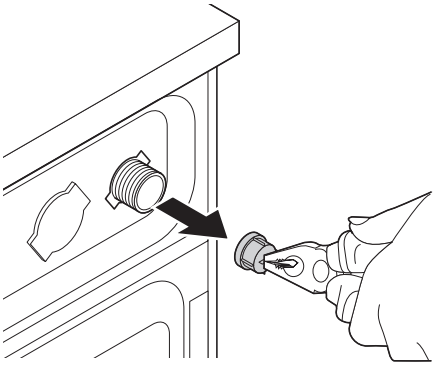
Water inlet strainer

Clean if water flows very slowly, or not at all.

1. Switch off the machine, turn off the water tap.
2. Take the inlet hose off.
3. Pull out the strainer in Aquasafe or the two strainers in Aquasafe+ (depending on the model) with universal or needle nosed pliers, clean with a small soft brush and fit back.



4. Pull out the strainer in the back wall (except in case of Aquasafe+) with universal or needle nosed pliers, clean with a small soft brush and fit back.



5. Put inlet hose back on and tighten "fingertight".
6. Turn the water tap on full and check for leaks at the connections.

Decalcifying

It is not necessary to decalcify the machine if the correct amount of detergent is used.

- When necessary, use only a decalcifying agent suitable for washing machines. Make sure to follow the instructions on the package.

Troubleshooting

If you experience this …	then please check this…
Appliance cannot be switched on or programme will not start	• Has a programme been set? Has the >Start/Pause< button been pressed? • Has the loading door been properly closed? Open the loading door and push it with the palm until you hear it lock into place. • Is power cable plugged in? • Is fuse for this socket intact?
Machine won't react to input	• Combination of additional functions not possible. • Is Child-proof lock activated? See "Child-proof lock". • Has a time delay been set? See "Time delay". • If the problem persists: Pull out the mains plug, wait a few seconds, and insert plug back in.
Message >No water intake<	• Is water tap all the way open? • Inlet hose bent? • Is water inlet strainer clogged? See "Cleaning and care". • Is water pressure too low? Ask the responsible waterworks. • Has Aquasafe or Aquasafe+ (depending upon model) been activated due to leakages?
Message >Pls Check The Filter<	• Is the foreign matter trap clogged? See "Cleaning and care".
Detergent or fabric conditioner are not properly washed in	• Is the detergent dispensing drawer or siphon soiled? See "Cleaning and care". • Is softener too viscous? Add water.
Softener compartment (middle compartment in the detergent dispensing drawer) is full of water at end of programme	• Is the siphon clogged? See "Cleaning and care".
Detergent foams too much and message >Foaming<	• Is there too much detergent? Is load too small? • Is water too soft? Ask your local waterworks.
Water runs out (machine is "leaking")	• Are hoses properly attached? • Is the foreign matter trap properly closed? • Is foam coming out as a result of too much detergent?
Water does not drain, or drains very slowly	• Programme stopped in Rinse hold? See "Quick instructions for daily use". • Is the drain hose kinked?
Appliance does not spin properly, or does not spin at all	• Programme stopped in Rinse hold? See "Quick instructions for daily use". • Is spin speed set too low or spin deselected? • Is the distribution of load nonuniform? See "Quick instructions for daily use".

If you experience this …	then please check this…
Appliance vibrates heavily when spinning	• Are the transport locks removed? See "Removing transport locks". • Is machine properly positioned? See "Leveling the machine". • Is drain hose kinked, water won't drain off?
Loading door will not open	• Is programme over? When the >Door lock< indicator lamp goes out, the door can be opened.
Power failure during washing	• Is the duration of power failure going to be long and does the leftover water need to be drained? See "Cleaning and care". • Is the power failure only temporary? The appliance automatically continues with the wash programme at a suitable point as soon as the power supply is restored.
Residual matter on laundry	• Grey residues (fat residue)? Increase the amount of detergent. • White residual matter (detergent residue)? Brush off. Watch how much detergent you use.

Let us help you!

If you can not solve the problem yourself, contact our customer service. Specify the exact **model number** given on the type plate.

Tips for removing stains

Type of stain	Before washing...
Grease	dab on washing up liquid
Tomato	rub with a slice of raw potato
Spinach	rub with a slice of raw potato
Egg white	rub with gall soap
Carrots	dab on baby oil
Beer	dab on diluted vinegar
Red wine	dab on lemon juice
Chewing gum	Place garment in freezer compartment, then brush off
Wax	iron between blotter paper
Pollen	Peel off with adhesive tape
Lipstick	dab on eucalyptus oil
Rust	dab on vinegar or lemon juice
Blood	rub with gall soap
Iodine	rub with a slice of raw potato

Technical specifications and consumption data

Load capacity (dry weight)			
– Cotton, Hygiene +, Active 40	max. 6.0 kg		
– Synthetics	max. 3.0 kg		
– Mini	max. 2.5 kg		
– Delicate	max. 2.0 kg		
– Woollen, Handwash	max. 1.5 kg		
Spin speeds [1]			
– Cotton	up to 1600 rpm (depending on model)		
– Synthetics	up to 800 rpm		
– Delicate, Woollen, Handwash	up to 600 rpm		
Dimensions			
– Height/height for built-under installation	85.0 cm / 82.0 cm		
– Width	60.0 cm		
– Depth/depth with door open	59.0 cm / 104 cm		
– Feet height adjustment	2.5 cm		
Weight when empty	approx. 71 kg		
Electrical connection			
– Voltage	230 V ~ 50 Hz		
– Connected load	2350 W		
– Fuse protection	10 A		
Water supply			
– Water pressure (flow pressure)	0.1…1.0 MPa = 1…10 bar		
– Inlet temperature	max. 25 °C		
– Drain height	max. 100 cm		
Consumption data [2]	Energy (kWh)	Water (Litre)	Time (Min.)
– Cotton 90 °C	2.05	55	136
– Cotton 60 °C [3] [4]	1.02	43	130
– Cotton 40 °C [3]	0.55	43	133
– Hygiene +	2.03	65	156
– Active 40	0.70	45	173
– Mini	0.20	50	30
– Synthetics 60 °C	0.90	55	112
– Synthetics 40 °C [3]	0.50	55	110
– SyntheticsCold	0.13	52	90
– Delicate 40 °C	0.31	60	68
– Woollen 40 °C	0.35	50	60
– WoollenCold	0.03	50	53
– Handwash 30 °C	0.20	40	43

[1] Maximum speed of the particular programme; can be reduced with the spin speed selector.
[2] Depending on water, fabric and ambient conditions, the actual values can deviate from the declared standard values.
[3] Test programmes according to EN 60456.
[4] Standard programme for energy identification label.